



Please type a plus sign (+) inside this box →



PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete If Known	
				Application Number	10/697,828
				Filing Date	October 29, 2003
				First Named Inventor	ROSEN
				Group Art Unit	1653
Sheet	1	of	1	Examiner Name	To Be Assigned Monshiponi
				Attorney Docket Number	UCAL-138DIV

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Documents		Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, columns, lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Documents			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ²
		Office ³	Number ⁴	Kind Code ⁵ (if known)				

OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ²
R.R.		GenBank accession number AA 261202	Mar. 8, 1997	
R.R.		GenBank accession number AI 282873	Nov. 23, 1998	
R.R.		GenBank accession number AC 009105	Apr. 25, 2001	
R.R.		GenBank accession number AC 009163	Aug. 29, 2003	
R.R.		GenBank accession number AC 011934	Mar. 12, 2000	
R.R.		GenBank accession number AF 176838	Sep. 22, 1999	
R.R.		GenBank accession number AC 026419	May 12, 2002	
R.R.		GenBank accession number AI 528511	Mar. 17, 1999	
R.R.		GenBank accession number AC 010547	Sep. 29, 2001	
R.R.		GenBank accession number AC 025287	Jan. 26, 2002	
R.R.		LEE et al., "Mus musculus intestine N-acetylglucosamine 6-O sulfotransferase (I-GlcNAc-6-ST) gene, complete cds." September 23, 1999 Database accession no. AF176841		
R.R.		LEE et al., "Mus musculus intestine N-acetylglucosamine 6-O sulfotransferase (I-GlcNAc-6-ST) gene, complete cds." September 23, 1999 Database accession no. AF176840		

Examiner Signature	<i>R. Rosen</i>	Date Considered	7/29/05
-----------------------	-----------------	--------------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

INFORMATION DISCLOSURE CITATION Form PTO-1449 (Modified) <i>(Use several sheets if necessary)</i>				ATTY. DOCKET NO. 06510-138US1		SERIAL NO. 09/593,828	
				APPLICANT Rosen et al.			
				FILING DATE June 13, 2000		GROUP 1653 N/A	
U.S. PATENT DOCUMENTS							
Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	AA	5,695,752	12/09/97	Rosen et al.			
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation
R.R.	AB	EP 821 066	07/22/97	EP			Yes No
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
R.R.	AC	Fukuta, et al. "Molecular Cloning and Characterization of Human Keratan Sulfate Gal-6-Sulfotransferase," <i>J. Biol. Chem.</i> (December 19, 1997) 272:32321-32328					
R.R.	AD	Habuchi, et al. "Enzymatic Sulfation of Galactose Residue of Keratan Sulfate by Chondroitin 6-Sulfate by Chondroitin 6-Sulfate by Chondroitin 6-Sulfotransferase," <i>Glycobiology</i> (Jan. 1996) 6:51-57					
R.R.	AE	Fukuta, et al. "Molecular Cloning and Expression of Chick Chondrocyte Chondroitin 6-Sulfotransferase," <i>J. Biol. Chem.</i> (1995) 270:185775-18580					
R.R.	AF	Habuchi, et al. "Purification of Chondroitin 6-Sulfotransferase Secreted from Cultured Chick Embryo Chondrocytes," <i>J. Biol. Chem.</i> (1993) 268:21968-21974					

F:\Document\06510\138US1\form PTO-1449.doc

EXAMINER R. R. Maashy	DATE CONSIDERED 7/29/05
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

[illegible]

Please type a plus sign (+) inside this box →



PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>			Complete if Known		
			Application Number	09/593,828	
			Filing Date	June 13, 2000	
			First Named Inventor	ROSEN	
			Group Art Unit	1652 1653	
			Examiner Name	M. Monshipouri	
Sheet	1	of	1	Attorney Docket Number	UCAL138

U.S. PATENT DOCUMENTS						
Examiner Initials [*]	Cite No. ¹	U.S. Patent Documents		Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, columns, lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			

FOREIGN PATENT DOCUMENTS								
Examiner Initials [*]	Cite No. ¹	Foreign Patent Documents			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
re. re.			WO 01/79468		Incyte Genomics, Inc.	10-25-2001		

OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS			
Examiner Initials [*]	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²

Examiner Signature	<i>M. Monshipouri</i>	Date Considered	7/29/05
--------------------	-----------------------	-----------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box →



PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known		
				Application Number	09/593,828	
				Filing Date	June 13, 2000	
				First Named Inventor	ROSEN	
				Group Art Unit	4632 1653	
Examiner Name	M. Monshipouri					
Attorney Docket Number	UCAL138					
Sheet	1	of	2			

U.S. PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	U.S. Patent Documents		Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, columns, lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			

FOREIGN PATENT DOCUMENTS								
Examiner Initials ¹	Cite No. ¹	Foreign Patent Documents			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
MR			WO 9919339		Human Genome Sciences, Inc.	04-22-1999		

OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
R. M.		LEE et al., "Mus musculus intestine N-acetylglucosamine 6-0 sulfotransferase (I-GlcNAc-6-ST) gene, complete cds." September 23, 1999 Database accession no. AF17681	
R. M.		LEE et al., "Mus musculus intestine N-acetylglucosamine 6-0 sulfotransferase (I-GlcNAc-6-ST) gene, complete cds." September 23, 1999 Database accession no. AF176480	

Examiner Signature	<i>Monshipouri</i>	Date Considered	7/29/00
-----------------------	--------------------	--------------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box →



PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	09/593,828
		Filing Date	June 13, 2000
		First Named Inventor	ROSEN
		Group Art Unit	1692 1653
		Examiner Name	M. Monshipouri
Sheet	2	of	2
		Attorney Docket Number	UCAL138

R.R.	LEE et al., "Mus musculus intestine N-acetylglucosamine 6-0 sulfotransferase (I-GlcNAc-6-ST) gene, complete cds." September 23, 1999 Database accession no. AF176839	
R.R.	LEE et al., "Homo sapiens intestine N-acetylglucosamine-6-0-sulfotransferase, complete cds" September 23, 1999 Database accession no. AF176838	
R.R.	DOE JOINT GENOME INST.: "Homo sapiens chromosome 16 clone RP11-455E15, WORKING DRAFT SEQUENCE, 17 unordered pieces" August 4, 1999, Database accession no. AC009105	
R.R.	NCI GCAP: "wj46c01.xl NCI_CGAP_lu19 Homo sapiens cDNA clone IMAGE: 2405856" July 13, 1999, Database accession no. AI824100	
R.R.	BIRREN et al., "Homo sapiens chromosome 18, clone RP11-29013, complete sequence" February 7, 2000, Database accession no. AC022662	
R.R.	HILLIER et al. "zu27h10.rl Soares ovary tumor NbHOT Homo sapiens cDNA clone IMAGE: 739267" May 19, 1997, Database Accession No. AA421254	
R.R.	ZHAO et al. "-11-25217.TV RPCI-11 Homo sapiens genomic clone" April 27, 1999 Database Accession No. AQ481324	
R.M.	ZHAO et al. "CITBI-E1-2563I17.TF CITBI-E1 Homo sapiens genomic clone" March 25, 1999 Database accession no. AQ424845	
R.R.	NAKAO et al., "Homo sapiens squamous cell carcinoma antigen recognized by T cell (SART-2) mRNA, complete cds.: October 6, 1999 Database accession no. AF098066	
R.R.	HUMAN GENOME SCI INC." Human secreted protein encoded by gene 5 clone HSABG21" August 17, 1999 Database accession no. AAX79015	
R.R.	HUMAN GENOME SCI INC.: "Human secreted protein encoded by gene 4 clone HSABG21" August 17, 1999 Database accession no. AAY14415	
R.R.	ARAKAWA et al., "Mus musculus adult male diencephalons cDNA, RIKEN full-length enriched library, clone: 9330132E09, 3' end partial sequence" June 14, 2000 Database accession no. BB077136	
R.R.	MARRA et al., ui33cll.yl Soares mouse urogenital ridge NMURMus musculus cDNA clone IMAGE: 1853108 5', mRNA sequence" March 24, 1999 Database accession no. AI528511	
R.R.	MARRA et al., ui43b06.xl Sugano mouse embryo mewa Mus musculus cDNA clone IMAGE: 1885139 3', mRNA sequence" October 8, 1998 Database accession no. AI173964	

Examiner Signature	<i>R. Monshipouri</i>	Date Considered	7/29/05
--------------------	-----------------------	-----------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.